



OA 4422

Permalkyd Undercoat

Alkyd Finish (Exterior/Interior)

Product Data/ Application Instructions

- **Good covering power**
- **Excellent covering power**
- **Good adhesion to new and old paint systems**
- **Good filling properties**
- **Easy to apply**
- **Good levelling & drying properties.**
- **Lead free**

A superior high opacity base for alkyd paints. This intermediate coating provides good adhesion to new or old alkyd primers and systems with excellent covering and filling properties. It forms the ideal foundation for all alkyd top coats.

Typical Uses

OA 4422 Permalkyd Undercoat can be used with all alkyd systems new or existing. It can be used for interior or exterior surfaces. Being lead free it can be used in homes, hospitals, kitchens bedrooms etc..

Application data summary

For complete information on procedures, equipment and safety precautions, see the application instruction as accompanying shipment. Like all high-performance coatings OA 4422 Permalkyd Undercoat must be applied as recommend to obtain the maximum performance.

Physical Data

Volume Solids 57.0% (ASTM D 2697)*

Finish Flat to Egg Shell

Colour White

Spreading rate
@ 25 microns DFT 22.8m² /Lt

Drying time
To Touch 2 hours
To re-coat..... 12 hours

• Depending on ambient temperature and film thickness.

Thinners.....AM 15 ,White Spirit or similar

Flash Point 38°C

Application method Brush,Roller,Spray

Packing size 18 ltr/ 1 Usq

Shelf life 12 months

Storage Out of sun light

Storage Temp 5°C upto 40°C

Note : Allow for application losses. ie. conditions, surface irregularity, surface porosity and application method.

* Volume solids is measured in accordance with ASTM-D-2697. Slight variations may occur due to colour and testing variances.

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Surface Preparation

New surfaces to be clean and suitably primed. Areas to be prepared and dust free. Old surfaces to be free of all surface contamination and degraded or loose coatings. Substrate to be degreased if polluted.

Application Equipment

AIRLESS SPRAY - Standard airless spray equipment
Dilute with Amercoat 15 Thinner only as required to achieve an even spray pattern (5-10% max)

CONVENTIONAL SPRAY – Standard Industrial equipment. Separate air and fluid pressure regulators. Mechanical pot agitator and a moisture and oil trap in the main air supply line are recommended. Dilute with AM 15 Thinner only as required to achieve an even pattern (5-10% max)

BRUSH / ROLLER - For touch up purposes.

MIXER - Use power mixer powered by an air motor or an explosion proof electric motor.

Application Data

SubstrateAll suitably prepared and primed surfaces

Application methods.....Brush, Roller, airless or conventional spray

Environmental Conditions (during application and drying)

Air temperature: 0 to 50°C 32 - 122°F

Surface temperature: 0 to 60°C 32 - 140°F

Drying time

To Touch 2 hours

To re-coat..... 12 hours

- Depending on ambient temperature & surface conditions.

Surface temperature must be at least 3°C/5°F above dew point to prevent moisture condensation on the surface. Never apply coatings under adverse environmental conditions. Ensure good ventilation when applied in confined areas to assist evaporation and elimination of solvents.

NOTE: drying times are dependent on air and steel temperature, applied film thickness, ventilation and other environmental conditions. Times are proportionally shorter at higher temperature and longer at lower temperatures. Prior to recoating ensure the surface is clean. Maximum recoating time intervals are dependent on temperature, degree of weathering and service conditions of the complete coating system. Consult your OAL representative for specific recommendations.

Thinners..... AM 15, White Spirit or similar

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Application Procedure

OA 4422 Permalkyd Undercoat is a one component product and packaged in 18 litres or US Gallon.

1. Mix material thoroughly.
2. Thinning of up to 10 % (max) by volume may be necessary
3. Application 25-50 microns dry film thickness per coat is to be advised.
4. Ventilation with air is required during application and drying
5. Clean all equipment after application with AM 15 Thinner.

Shipping Data

Packaging in 18 Litres or US Gallon

Storage out of sun light.

Shelf life 1 year from shipment date when stored indoors in unopened, original containers at 5 to 40°C.

Safety Instructions

1. Ventilate work area.
2. Check to ensure that fire or explosion risks are eliminated.
3. Cover all cuts or wounds.
4. Avoid inhaling or ingesting product. (Use mask and goggles for all spray applications).
5. Cover skin as much as possible.
6. Wash hands regularly. Use suitable soft soap.
7. Protect eyes. If product gets into eyes wash out with water until clear. Seek medical assistance.
8. In the event of accidental ingestion seek immediate medical assistance.
9. Take extra care when using airless spray equipment to avoid accidental injury.

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Caution

This product is flammable. Keep container closed. Use with adequate ventilation. Avoid prolonged and repeated contact with skin. If used in confined areas, observe the following precautions to prevent hazards of fire or explosion or damage to health:

1. circulate adequate fresh air continuously during application and drying;
2. use fresh air masks and explosion proof equipment;
3. prohibit all flames, sparks, welding and smoking.

Do not empty into drains. Take precautionary measures against static discharges. For specific information on hazardous ingredients, required ventilation, possible consequences of contact, exposure and safety measures see Safety Data Sheet.

Safety

Since improper use and handling can be hazardous to health and cause of fire or explosion, safety precautions included with Product Data/Application Instruction and Material Safety Data Sheet must be observed during all storage, handling, use and drying periods.

Warranty

OAL warrants its products to be free from defects in material and workmanship. OAL's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at OAL's option, to either replacement of products not conforming this warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this warranty must be made by Buyer to OAL in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify OAL of such non-conformance as required herein shall bar Buyer from recovery under this

warranty.

OAL makes no other warranties concerning the product. No other warranties, whether express, implied or statutory, such as warranties of merchantability or fitness particular purpose, shall apply. In no event shall OAL be liable for consequential or incidental damages.

Any recommendations or suggestion relating to the use of the products made by OAL, whether in its technical literature, or response to specific enquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyer's having requisite skill and know-how in the industry, and therefore it is Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Limitation of Liability

OAL's liability on any claim of any kind, including claims based upon OAL's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall OAL be liable for consequential or incidental damages.

Due to OAL's policy of continuous product improvement, the information contained in this Product Data/Application Instructions sheet is subject to change without notice. It is the Buyer's responsibility to check that this issue is current prior to using the product. For the most up-to-date Product Data/Application Instructions always refer to the OAL Protective & Marine Coatings website at www.oasisameron.com

To avoid any confusion that may arise through translation into other languages, the English version of the Product Data/Application Instructions will be the governing literature and must be referred to in case of deviations with product literature in other languages.

Condition of Sale

All our transactions are subject to our Terms and Conditions of Sale.

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